

Title (en)  
VARIANTS AND EXONS OF THE GLYT1 TRANSPORTER

Title (de)  
GLYT1 VARIANTEN UND EXONS

Title (fr)  
NOUVEAUX VARIANTS ET EXONS DU TRANSPORTEUR GLYT1

Publication  
**EP 1434865 A2 20040707 (EN)**

Application  
**EP 02758718 A 20020722**

Priority  
• IB 0203386 W 20020722  
• US 30768501 P 20010724

Abstract (en)  
[origin: WO03010196A2] The present invention provides polypeptide and polynucleotide sequences for novel splice variants of the sodium and chloride-dependent glycine transporter type 1 (GlyT1). These polypeptides and polynucleotides are useful in the treatment and diagnosis of disorders such as neurological and psychiatric disorders including schizophrenia. The invention also provides antibodies directed specifically against these novel polypeptides, and kits comprising the herein-described polynucleotides, polypeptides, and/or antibodies.  
[origin: WO03010196A2] The present invention provides polypeptide and polynucleotide sequences for novel splice variants of the sodium and chloride-dependent glycine transporter type 1 (GlyT1). These polypeptides and polynucleotides are useful in the treatment and diagnosis of disorders such as neurological and psychiatric disorders including schizophrenia. The invention also provides antibodies directed specifically against these novel polypeptides, and kits comprising the herein-described polynucleotides, polypeptides, and/or antibodies.

IPC 1-7  
**C12N 15/12; C07K 14/47; C12N 1/21; C12N 5/10; C07K 16/18; C12Q 1/68; G01N 33/68**

IPC 8 full level  
**A01K 67/027** (2006.01); **A61K 45/00** (2006.01); **A61P 25/00** (2006.01); **A61P 25/14** (2006.01); **A61P 25/16** (2006.01); **A61P 25/18** (2006.01); **A61P 25/28** (2006.01); **A61P 43/00** (2006.01); **C07K 14/47** (2006.01); **C07K 16/18** (2006.01); **C12M 1/00** (2006.01); **C12N 1/15** (2006.01); **C12N 1/19** (2006.01); **C12N 1/21** (2006.01); **C12N 5/10** (2006.01); **C12N 15/09** (2006.01); **C12N 15/12** (2006.01); **C12P 21/02** (2006.01); **C12Q 1/68** (2006.01); **G01N 33/15** (2006.01); **G01N 33/50** (2006.01); **G01N 33/53** (2006.01); **G01N 37/00** (2006.01); **A61K 38/00** (2006.01)

CPC (source: EP US)  
**A61P 25/00** (2017.12 - EP); **A61P 25/14** (2017.12 - EP); **A61P 25/16** (2017.12 - EP); **A61P 25/18** (2017.12 - EP); **A61P 25/28** (2017.12 - EP); **A61P 43/00** (2017.12 - EP); **C07K 14/47** (2013.01 - EP US); **A61K 38/00** (2013.01 - EP US)

Citation (search report)  
See references of WO 03010196A2

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

DOCDB simple family (publication)  
**WO 03010196 A2 20030206; WO 03010196 A3 20040429**; AU 2002324283 B2 20080221; CA 2452260 A1 20030206; CA 2452260 C 20110906; EP 1434865 A2 20040707; IL 159768 A0 20040620; JP 2005511009 A 20050428; US 2005089855 A1 20050428; US 2008201789 A1 20080821; US 7358066 B2 20080415

DOCDB simple family (application)  
**IB 0203386 W 20020722**; AU 2002324283 A 20020722; CA 2452260 A 20020722; EP 02758718 A 20020722; IL 15976802 A 20020722; JP 2003515555 A 20020722; US 48469004 A 20040927; US 5025508 A 20080318